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=> s catheter and coat?

L1 41644 CATHETER AND COAT?

=> s 11 and (chlorhexidine free base)

L2 20 L1 AND (CHLORHEXIDINE FREE BASE)

=> s 12 and (chlorhexidine salt)

L3 14 L2 AND (CHLORHEXIDINE SALT)

=> s 13 and solvent#

L4 14 L3 AND SOLVENT#

=> s 14 and (water or alcohol or tetrahydrofuran or dimethylsulfoxide or dimethylformamide or (N methyl 2 pyrrolidone))

L5 14 L4 AND (WATER OR ALCOHOL OR TETRAHYDROFURAN OR DIMETHYLSULFOXID E OR DIMETHYLFORMAMIDE OR (N METHYL 2 PYRROLIDONE))

=> s 15 and (ethanol or methanol)

L6 14 L5 AND (ETHANOL OR METHANOL)

=> s 16 and (chlorhexidine diacetate)

=> s 17 and (anti inflammatory)

5 L7 AND (ANTI INFLAMMATORY)

=> s 17 and (antiinflammatory)

0 L7 AND (ANTIINFLAMMATORY)

=> s 18 and (organic acid)

·5 L8 AND (ORGANIC ACID)

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L10 ANSWER 1 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2005:144985 USPATFULL

TITLE: Triclosan and silver compound containing medical

devices

INVENTOR(S): Modak, Shanta, River Edge, NJ, UNITED STATES

Sampath, Lester, Nyack, NY, UNITED STATES

NUMBER KIND DATE ----- -----US 2005124725 A1 20050609 US 2005-31607 A1 20050106

PATENT INFORMATION: APPLICATION INFO.: 20050106 (11)

RELATED APPLN. INFO.: Division of Ser. No. US 2001-777121, filed on 5 Feb

2001, GRANTED, Pat. No. US 6843784 Continuation of Ser. No. US 1999-281872, filed on 31 Mar 1999, GRANTED, Pat.

No. US 6224579

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY,

10112, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1-31 LINE COUNT: 1469

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates to polymeric medical articles comprising combinations of triclosan and silver-containing compounds. It is based, at least in part, on the discovery that these agents act synergistically, thereby permitting the use of relatively low levels of both agents. While it had been previously found that triclosan can be particularly useful when used in conjunction with chlorhexidine, it has been further discovered that medical articles having suitable antimicrobial properties may be prepared, according to the present invention, which contain triclosan without chlorhexidine. Such medical articles offer the advantage of preventing or inhibiting infection while avoiding undesirable adverse reactions to chlorhexidine by individuals that may have sensitivity to chlorhexidine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:69604 USPATFULL

TITLE: Antimicrobial medical devices

INVENTOR(S): Modak, Shanta M., River Edge, NJ, UNITED STATES

Sampath, Lester A., Nyack, NY, UNITED STATES

NUMBER KIND DATE

US 2004052831 A1 US 2003-600257 A1 PATENT INFORMATION: 20040318 APPLICATION INFO.: 20030620 (10)

Continuation of Ser. No. WO 2001-US49205, filed on 21 RELATED APPLN. INFO.:

Dec 2001, PENDING Continuation of Ser. No. US 2000-746670, filed on 22 Dec 2000, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY,

10112

NUMBER OF CLAIMS: 64
EXEMPLARY CLAIM: 1
LINE COUNT: 1057

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides for antimicrobial medical articles prepared by a method comprising treating a surface of the medical article with a solution consisting essentially of one or more

solvents and a mixture of chlorhexidine free

base and a water-soluble chlorhexidine

salt, at a weight/weight ratio of between about 1:1 to about
1:5, wherein the combined concentration of chlorhexidine

free base and a water-soluble salt of

chlorhexidine is about 2% (w/v) or greater. In alternative embodiments, the antimicrobial medical articles may be treated with a similar $\,$

solution in which the concentrations of chlorhexidine

free base and a water-soluble salt of

chlorhexidine are each about 0.20 percent (w/v). Other embodiments include those in which the solvent comprises methanol

, or the treatment solution further comprises a silver salt, one or more organic acids, an anti-inflammatory agent, and a hydrogel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:227725 USPATFULL

TITLE: Antimicrobial medical devices

INVENTOR(S): Modak, Shanta M., River Edge, NJ, UNITED STATES

Sampath, Lester A., Nyack, NY, UNITED STATES

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY,

10112

NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
LINE COUNT: 694

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present disclosure invention relates to medical devices treated with

a solution comprising one or more solvents and a combination

of chlorhexidine free base and a water-soluble chlorhexidine salt in a

weight/weight ratio of between about 1:1 to about 1:5, preferably about

1:1.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2001:119393 USPATFULL

TITLE: Triclosan and silver compound containing medical

devices

INVENTOR(S): Modak, Shanta, River Edge, NJ, United States

Sampath, Lester, Nyack, NY, United States

NUMBER KIND DATE

PATENT INFORMATION: US 2001010016 A1 20010726

US 6843784 B2 20050118

APPLICATION INFO.: US 2001-777121 A1 20010205 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1999-281872, filed on 31

Mar 1999, GRANTED, Pat. No. US 6224579

DOCUMENT TYPE: Utility
FILE SEGMENT:

DOCUMENT TYPE: APPLICATION

LEGAL REPRESENTATIVE: BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY,

10112

NUMBER OF CLAIMS: 38
EXEMPLARY CLAIM: 1
LINE COUNT: 1571

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates to polymeric medical articles comprising combinations of triclosan and silver-containing compounds. It is based, at least in part, on the discovery that these agents act synergistically, thereby permitting the use of relatively low levels of both agents. While it had been previously found that triclosan can be particularly useful when used in conjunction with chlorhexidine, it has been further discovered that medical articles having suitable antimicrobial properties may be prepared, according to the present invention, which contain triclosan without chlorhexidine. Such medical articles offer the advantage of preventing or inhibiting infection while avoiding undesirable adverse reactions to chlorhexidine by individuals that may have sensitivity to chlorhexidine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2001:62958 USPATFULL

TITLE: Triclosan and silver compound containing medical

devices

INVENTOR(S): Modak, Shanta, River Edge, NJ, United States

Sampath, Lester, Nyack, NY, United States

PATENT ASSIGNEE(S): The Trustees of Columbia University in the City of New

York, New York, NY, United States (U.S. corporation)

NUMBER KIND DATE PATENT INFORMATION: US 6224579 В1 20010501 APPLICATION INFO.: US 1999-281872 19990331 (9) DOCUMENT TYPE: Utility FILE SEGMENT: Granted PRIMARY EXAMINER: Kennedy, Sharon Baker Botts L.L.P. LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS: 20 EXEMPLARY CLAIM: 1 LINE COUNT: 1488

The present invention relates to polymeric medical articles comprising combinations of triclosan and silver-containing compounds. It is based, at least in part, on the discovery that these agents act synergistically, thereby permitting the use of relatively low levels of both agents. While it had been previously found that triclosan can be particularly useful when used in conjunction with chlorhexidine, it has been further discovered that medical articles having suitable antimicrobial properties may be prepared, according to the present invention, which contain triclosan without chlorhexidine. Such medical articles offer the advantage of preventing or inhibiting infection while avoiding undesirable adverse reactions to chlorhexidine by individuals that may have sensitivity to chlorhexidine.